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OM protein - protein search, using sw model

Run on: June 3, 2003, 15:08:45 ; Search time 45 Seconds

(without alignments)
537,610 Million cell updates/sec

Title: US-09-887-784-4

Sequence: 1 MYSKGEELFTGVPLVLELD.....VLLGFVTAAGITLGMDELK 239

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 383519 seqs, 101223694 residues

Total number of hits satisfying chosen parameters: 383519

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications:AA:
1: /cgn2_6/pdata/1/pubaa/US06_NEW_PUB.pep.*
2: /cgn2_6/pdata/1/pubaa/ACT_NEW_PUB.pep.*
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13: /cgn2_6/pdata/1/pubaa/US60_NEW_PUB.pep.*
14: /cgn2_6/pdata/1/pubaa/US60_PUB.pep.*

Prod. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1263	99.1	239	9	US-10-100-957A-170
2	1263	99.1	239	9	US-09-887-784-4
3	1263	99.1	239	9	US-09-887-784-2
4	1263	99.1	239	9	US-09-999-745-4
5	1263	99.1	239	9	US-09-866-538-4
6	1263	99.1	239	9	US-09-797-4968B-2
7	1263	99.1	239	9	US-10-121-258-13
8	1263	99.1	239	9	US-10-221-461-7
9	1263	99.1	239	10	US-10-930-922A-46
10	1263	99.1	239	9	US-10-100-957A-2
11	1263	99.1	308	9	US-10-033-717-35
12	1263	99.1	359	9	US-10-033-717-33
13	1263	99.1	359	9	US-10-033-717-34
14	1263	99.1	379	9	US-10-072-036-129
15	1263	99.1	391	9	US-10-033-717-32
16	1263	99.1	403	9	US-10-033-717-30
17	1263	99.1	403	9	US-10-033-717-30
18	1263	99.1	429	9	US-10-033-717-29
19	1263	99.1	442	9	US-10-072-036-127

Sequence 170, App
Sequence 113, App
Sequence 12, App
Sequence 59, Appl
Sequence 11, Appl
Sequence 41, Appl
Sequence 65, Appl
Sequence 47, Appl
Sequence 39, Appl
Sequence 45, Appl
Sequence 125, App
Sequence 2, Appl
Sequence 6, Appl
Sequence 4, Appl
Sequence 18, Appl
Sequence 51, Appl
Sequence 71, Appl
Sequence 139, Appl
Sequence 139, Appl
Sequence 141, App
Sequence 143, App
Sequence 77, Appl

20 1263 99.1 459 9 US-10-100-957A-170
21 1263 99.1 544 9 US-10-072-036-113
22 1263 99.1 583 9 US-10-072-036-115
23 1263 99.1 583 9 US-10-072-036-12
24 1263 99.1 604 9 US-10-072-036-59
25 1263 99.1 604 9 US-10-221-461-11
26 1263 99.1 604 9 US-10-221-461-13
27 1263 99.1 605 9 US-10-072-036-41
28 1263 99.1 606 9 US-10-072-036-65
29 1263 99.1 607 9 US-10-072-036-47
30 1263 99.1 630 9 US-10-072-036-12
31 1263 99.1 633 9 US-10-072-036-39
32 1263 99.1 633 9 US-10-072-036-45
33 1263 99.1 635 9 US-10-072-036-125
34 1263 99.1 642 9 US-09-554-000-2
35 1263 99.1 642 9 US-09-554-000-6
36 1263 99.1 652 9 US-09-554-000-4
37 1263 99.1 652 9 US-09-554-000-4
38 1263 99.1 718 9 US-10-072-036-75
39 1263 99.1 719 9 US-10-072-036-51
40 1263 99.1 726 9 US-10-072-036-71
41 1263 99.1 727 9 US-10-072-036-139
42 1263 99.1 783 9 US-10-100-957A-176
43 1263 99.1 797 9 US-10-072-036-141
44 1263 99.1 797 9 US-10-072-036-143
45 1263 99.1 798 9 US-10-072-036-77

ALIGNMENTS

RESULT 1
US-09-887-784-4
US-09-887-784-4
Sequence 1, Application US/09887784
Patent No. US20020177189A1
GENERAL INFORMATION:
APPLICANT: BJORN, Sara et al
TITLE OF INVENTION: NOVEL FLUORESCENT PROTEINS
FILE REFERENCE: 3759-0115P
CURRENT PRIORITY NUMBER: US/09/887,784
PRIORITY DATE: 2001-06-19
NUMBER OF SEQ ID NOS: 24
SOFTWARE: PatentTh version 3.0
SEQ ID NO 4
LENGTH: 239
TYPE: PRT
ORGANISM: Aquorea Victoria
US-09-887-784-4

Query Match 100.0% ; Score 1274 ; DB 9 ; Length 239 ;
Best Local Similarity 100.0% ; Pred. No. 4.8e-115 ;
Matches 239 ; Conservative 0 ; Mismatches 0 ; Indels 0 ; Gaps 0 ;

OY 1 MYSKGEELFTGVPLVLELDGVNGHKFSVSGESGDAYTKLTKLFCTIKLPVPMPT 60
DB 1 MYSKGEELFTGVPLVLELDGVNGHKFSVSGESGDAYTKLTKLFCTIKLPVPMPT 60
OY 61 LVTTLSYGVQCFSSYPDMKHQDFFKSAPEGYQERTIFFKDGNGYTRAEVKEFGDTL 120
DB 61 LVTTLSYGVQCFSSYPDMKHQDFFKSAPEGYQERTIFFKDGNGYTRAEVKEFGDTL 120
OY 121 VNRIELGIDFKFEGNHLGHLKFLYNSHWYIMADKQNKIKVNFKNINIDSGVQLA 180
DB 121 VNRIELGIDFKFEGNHLGHLKFLYNSHWYIMADKQNKIKVNFKNINIDSGVQLA 180
OY 181 DHVQONTPIGDGCVLLPDNHYLSGTOSALS KDPNEKRHNVLLGVFTAAGITLGMDELK 239
DB 181 DHVQONTPIGDGCVLLPDNHYLSGTOSALS KDPNEKRHNVLLGVFTAAGITLGMDELK 239

RESULT 2
US-09-887-784-2
US-09-887-784-2
Sequence 2, Application US/09887784

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; Patent No. US20020177189A1
; GENERAL INFORMATION:
; APPLICANT: BORN, Sara et al
; TITLE REFERENCE: 3759-0115P
; FILE REFERENCE: 3759-0115P
; CURRENT APPLICATION NUMBER: US/09/887,784
; CURRENT FILING DATE: 2001-06-19
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 239
; TYPE: PRT
; ORGANISM: Aequorea victoria
US-09-887-784-2

Query Match
Best Local Similarity 99.4%; Score 1266; DB 9; Length 239;
Matches 239; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MYSKGEELFTGVVPLVLELDGVDNGHFKFSVSGEGEDATYGLTKLTKICTTCKLPVPWPT 60
Db 1 MYSKGEELFTGVVPLVLELDGVDNGHFKFSVSGEGEDATYGLTKLTKICTTCKLPVPWPT 60

QY 61 LVTTLSYGVQCFSRYPDMKHQDFFKSAMPEGYVOERTIFFKDDGNYKTRAEVAFEDTL 120
Db 61 LVTTLSYGVQCFSRYPDMKHQDFFKSAMPEGYVOERTIFFKDDGNYKTRAEVAFEDTL 120

QY 121 VNRTELKAGIDFKEDGNILGHKLEYNYSNHYIMADKQNGIKVNFKIRHNIEDGSVOLA 180
Db 121 VNRTELKAGIDFKEDGNILGHKLEYNYSNHYIMADKQNGIKVNFKIRHNIEDGSVOLA 180

QY 181 DRYQONTPIGDGVPVLLPDNNHYLSTQSALS KDPNEKRDMHYLLGFVTAAGITLGNDELK 239
Db 181 DRYQONTPIGDGVPVLLPDNNHYLSTQSALS KDPNEKRDMHYLLGFVTAAGITLGNDELK 239

RESULT 3
US-09-999-745-4
; Sequence 4, Application US/09999745
; Publication No. US200301720A1
; GENERAL INFORMATION:
; APPLICANT: The Regents of the University of California
; APPLICANT: Tsien, Roger Y.
; TITLE OF INVENTION: CIRCULARLY PERMUTED FLUORESCENT PROTEIN INDICATORS
; FILE REFERENCE: REGEN470-1
; CURRENT FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US/09/999,745
; PRIOR FILING DATE: 1999-05-21
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 239
; TYPE: PRT
; ORGANISM: Aequorea victoria
US-09-999-745-4

Query Match
Best Local Similarity 99.1%; Score 1263; DB 9; Length 239;
Matches 237; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 MYSKGEELFTGVVPLVLELDGVDNGHFKFSVSGEGEDATYGLTKLTKICTTCKLPVPWPT 60
Db 1 MYSKGEELFTGVVPLVLELDGVDNGHFKFSVSGEGEDATYGLTKLTKICTTCKLPVPWPT 60

QY 61 LVTTLSYGVQCFSRYPDMKHQDFFKSAMPEGYVOERTIFFKDDGNYKTRAEVAFEDTL 120
Db 61 LVTTLSYGVQCFSRYPDMKHQDFFKSAMPEGYVOERTIFFKDDGNYKTRAEVAFEDTL 120

QY 121 VNRTELKAGIDFKEDGNILGHKLEYNYSNHYIMADKQNGIKVNFKIRHNIEDGSVOLA 180
Db 121 VNRTELKAGIDFKEDGNILGHKLEYNYSNHYIMADKQNGIKVNFKIRHNIEDGSVOLA 180

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QY 181 DRYQONTPIGDGVPVLLPDNNHYLSTQSALS KDPNEKRDMHYLLGFVTAAGITLGNDELK 239
Db 181 DRYQONTPIGDGVPVLLPDNNHYLSTQSALS KDPNEKRDMHYLLGFVTAAGITLGNDELK 239

RESULT 4
US-09-866-538-4
; Sequence 4, Application US/09866538
; Publication No. US20030032089A1
; GENERAL INFORMATION:
; APPLICANT: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
; APPLICANT: Tsien, Roger
; APPLICANT: Campbell, Robert
; TITLE OF INVENTION: NON-OLIGOMERIZING FLUORESCENT PROTEINS
; FILE REFERENCE: REGEN1530-2
; CURRENT APPLICATION NUMBER: US/09/866,538
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 239
; TYPE: PRT
; ORGANISM: Aequorea victoria
US-09-866-538-4

Query Match
Best Local Similarity 99.1%; Score 1263; DB 9; Length 239;
Matches 237; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 MYSKGEELFTGVVPLVLELDGVDNGHFKFSVSGEGEDATYGLTKLTKICTTCKLPVPWPT 60
Db 1 MYSKGEELFTGVVPLVLELDGVDNGHFKFSVSGEGEDATYGLTKLTKICTTCKLPVPWPT 60

QY 61 LVTTLSYGVQCFSRYPDMKHQDFFKSAMPEGYVOERTIFFKDDGNYKTRAEVAFEDTL 120
Db 61 LVTTLSYGVQCFSRYPDMKHQDFFKSAMPEGYVOERTIFFKDDGNYKTRAEVAFEDTL 120

QY 121 VNRTELKAGIDFKEDGNILGHKLEYNYSNHYIMADKQNGIKVNFKIRHNIEDGSVOLA 180
Db 121 VNRTELKAGIDFKEDGNILGHKLEYNYSNHYIMADKQNGIKVNFKIRHNIEDGSVOLA 180

QY 181 DRYQONTPIGDGVPVLLPDNNHYLSTQSALS KDPNEKRDMHYLLGFVTAAGITLGNDELK 239
Db 181 DRYQONTPIGDGVPVLLPDNNHYLSTQSALS KDPNEKRDMHYLLGFVTAAGITLGNDELK 239

RESULT 5
US-09-797-4968-2
; Sequence 2, Application US/097974968
; Publication No. US20030049597A1
; GENERAL INFORMATION:
; APPLICANT: Simon, Sanford M.
; APPLICANT: Chen, Yu
; TITLE OF INVENTION: Chimeric Fluorescent Enzymes and Uses Thereof
; FILE REFERENCE: 600-1-267
; CURRENT APPLICATION NUMBER: US/09/797,4968
; CURRENT FILING DATE: 2002-05-24
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 239
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Aequorea victoria green fluorescent protein modified as described
US-09-797-4968-2

Query Match
Best Local Similarity 99.2%; Score 1263; DB 9; Length 239;
Matches 237; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

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QY 1 MYSKGELFTGVVPIVLVDGVDGNGHKSFGSGEGDATYGLKFLAFTCTTGKLPVPMPT 60
DB 1 MYSKGELFTGVVPIVLVDGVDGNGHKSFGSGEGDATYGLKFLAFTCTTGKLPVPMPT 60
QY 61 LVTTLSYGVOCFSRYPDMKQDHFPSKAMPEGVQERTIFFKDDGNYKTRAEVKFEGDTL 120
DB 61 LVTTLSYGVOCFSRYPDMKQDHFPSKAMPEGVQERTIFFKDDGNYKTRAEVKFEGDTL 120
QY 121 VNRLEKLGIDFKEDGNILGHKLEYNTNSHNYYIMADKQNGIKVNFKIRHNIEDGSVOLA 180
DB 121 VNRLEKLGIDFKEDGNILGHKLEYNTNSHNYYIMADKQNGIKVNFKIRHNIEDGSVOLA 180
QY 181 DHYOQNTPIGSGVLLPDNNHLYSTQSALSKDPNEKRDHNVLLGFTVTAAGITLGMDELYK 239
DB 181 DHYOQNTPIGSGVLLPDNNHLYSTQSALSKDPNEKRDHNVLLGFTVTAAGITLGMDELYK 239

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RESULT 6
US-10-121-258-13
; Sequence 13, Application US/10121258
; Publication No. US2003005983A1
; GENERAL INFORMATION:
; APPLICANT: Campbell, Robert
; TITLE OF INVENTION: MONOMERIC AND DIMERIC FLUORESCENT
; TITLE OF INVENTION: PROTEIN VARIANTS AND METHODS FOR MAKING SAME
; CURRENT APPLICATION NUMBER: US/10/121,258
; CURRENT FILING DATE: 2002-04-10
; PRIOR FILING DATE: 2001-02-26
; PRIOR APPLICATION NUMBER: 09/794,308
; PRIOR FILING DATE: 2001-02-26
; PRIOR FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13
; LENGTH: 239
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Enhanced Green Fluorescent Protein (EGFP)
US-10-121-258-13

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Query Match 99.1%; Score 1263; DB 9; Length 239;
Best Local Similarity 99.2%; Pred. No. 5.5e-114;
Matches 237; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 MYSKGELFTGVVPIVLVDGVDGNGHKSFGSGEGDATYGLKFLAFTCTTGKLPVPMPT 60
DB 1 MYSKGELFTGVVPIVLVDGVDGNGHKSFGSGEGDATYGLKFLAFTCTTGKLPVPMPT 60
QY 61 LVTTLSYGVOCFSRYPDMKQDHFPSKAMPEGVQERTIFFKDDGNYKTRAEVKFEGDTL 120
DB 61 LVTTLSYGVOCFSRYPDMKQDHFPSKAMPEGVQERTIFFKDDGNYKTRAEVKFEGDTL 120
QY 121 VNRLEKLGIDFKEDGNILGHKLEYNTNSHNYYIMADKQNGIKVNFKIRHNIEDGSVOLA 180
DB 121 VNRLEKLGIDFKEDGNILGHKLEYNTNSHNYYIMADKQNGIKVNFKIRHNIEDGSVOLA 180
QY 181 DHYOQNTPIGSGVLLPDNNHLYSTQSALSKDPNEKRDHNVLLGFTVTAAGITLGMDELYK 239
DB 181 DHYOQNTPIGSGVLLPDNNHLYSTQSALSKDPNEKRDHNVLLGFTVTAAGITLGMDELYK 239

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RESULT 7
US-10-221-461-7
; Sequence 7, Application US/10221461
; Publication No. US20030092902A1
; GENERAL INFORMATION:
; APPLICANT: Marsh, Donald J.
; TITLE OF INVENTION: MELANIN CONCENTRATING HORMONE RECEPTOR
; TITLE OF INVENTION: GLYCOPOLYMERIC AND FUSION PROTEINS
; FILE REFERENCE: 20652P

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; CURRENT APPLICATION NUMBER: US/10/221,461
; CURRENT FILING DATE: 2002-09-12
; PRIOR APPLICATION NUMBER: PCT/US01/08071
; PRIOR FILING DATE: 2001-03-03
; PRIOR APPLICATION NUMBER: 60/189,698
; PRIOR FILING DATE: 2000-03-15
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 239
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: GFP derivative
US-10-221-461-7

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Query Match 99.1%; Score 1263; DB 9; Length 239;
Best Local Similarity 99.2%; Pred. No. 5.5e-114;
Matches 237; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 MYSKGELFTGVVPIVLVDGVDGNGHKSFGSGEGDATYGLKFLAFTCTTGKLPVPMPT 60
DB 1 MYSKGELFTGVVPIVLVDGVDGNGHKSFGSGEGDATYGLKFLAFTCTTGKLPVPMPT 60
QY 61 LVTTLSYGVOCFSRYPDMKQDHFPSKAMPEGVQERTIFFKDDGNYKTRAEVKFEGDTL 120
DB 61 LVTTLSYGVOCFSRYPDMKQDHFPSKAMPEGVQERTIFFKDDGNYKTRAEVKFEGDTL 120
QY 121 VNRLEKLGIDFKEDGNILGHKLEYNTNSHNYYIMADKQNGIKVNFKIRHNIEDGSVOLA 180
DB 121 VNRLEKLGIDFKEDGNILGHKLEYNTNSHNYYIMADKQNGIKVNFKIRHNIEDGSVOLA 180
QY 181 DHYOQNTPIGSGVLLPDNNHLYSTQSALSKDPNEKRDHNVLLGFTVTAAGITLGMDELYK 239
DB 181 DHYOQNTPIGSGVLLPDNNHLYSTQSALSKDPNEKRDHNVLLGFTVTAAGITLGMDELYK 239

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RESULT 8
US-10-100-957A-46
; Sequence 46, Application US/10100957A
; Publication No. US20030039622A1
; GENERAL INFORMATION:
; APPLICANT: Giuliano, Kenneth A.
; APPLICANT: Kapur, Ravi
; TITLE OF INVENTION: A System for Cell Based Screening
; FILE REFERENCE: 97-022-LIA
; CURRENT APPLICATION NUMBER: US/10/100,957A
; CURRENT FILING DATE: 1002-03-19
; NUMBER OF SEQ ID NOS: 100
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 46
; LENGTH: 239
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: RGFP
US-10-100-957A-46

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Query Match 99.1%; Score 1263; DB 9; Length 239;
Best Local Similarity 99.2%; Pred. No. 5.5e-114;
Matches 237; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 MYSKGELFTGVVPIVLVDGVDGNGHKSFGSGEGDATYGLKFLAFTCTTGKLPVPMPT 60
DB 1 MYSKGELFTGVVPIVLVDGVDGNGHKSFGSGEGDATYGLKFLAFTCTTGKLPVPMPT 60
QY 61 LVTTLSYGVOCFSRYPDMKQDHFPSKAMPEGVQERTIFFKDDGNYKTRAEVKFEGDTL 120
DB 61 LVTTLSYGVOCFSRYPDMKQDHFPSKAMPEGVQERTIFFKDDGNYKTRAEVKFEGDTL 120
QY 121 VNRLEKLGIDFKEDGNILGHKLEYNTNSHNYYIMADKQNGIKVNFKIRHNIEDGSVOLA 180
DB 121 VNRLEKLGIDFKEDGNILGHKLEYNTNSHNYYIMADKQNGIKVNFKIRHNIEDGSVOLA 180

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Qy 181 DHVOONTPIGQGVLLPDNHYLSTOSALSADPNKRDHMYLLGFVTAAGITLGNDELK 239
 Db 181 DHVOONTPIGQGVLLPDNHYLSTOSALSADPNKRDHMYLLGFVTAAGITLGNDELK 239

RESULT 9
 US-09-920-922-2
 ; Sequence 2, Application US/09920922
 ; Patent No. US20020083488A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Atsushi
 ; APPLICANT: Miyawaki, Atsushi
 ; TITLE OF INVENTION: METHOD FOR MUTAGENESIS
 ; FILE REFERENCE: 11283-012001
 ; CURRENT APPLICATION NUMBER: US/09/920,922
 ; CURRENT FILING DATE: 2001-08-02
 ; PRIOR APPLICATION NUMBER: JP 2000-237166
 ; PUBLICATION DATE: 2002-08-04
 ; NUMBER OF SEQ ID NOS: 9
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 2
 ; LENGTH: 239
 ; TYPE: PRT
 ; ORGANISM: Aequorea victoria
 ; US-09-920-922-2

Query Match 99.1%; Score 1263; DB 10; Length 239;
 Best Local Similarity 99.2%; Pred. No. 5, Sc-114;
 Matches 237; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 MYSKGELFTGVPVILVELDGVNGHKFSVSGEGEDATYGLKTLKFICTTGKLPVPMPT 60
 Db 1 MYSKGELFTGVPVILVELDGVNGHKFSVSGEGEDATYGLKTLKFICTTGKLPVPMPT 60

Qy 61 LVTTLSYGVCFSRYPDHMKQDHFKAHPGCVQERTIFFKDDGNKTRAEVKEGDTL 120
 Db 61 LVTTLSYGVCFSRYPDHMKQDHFKAHPGCVQERTIFFKDDGNKTRAEVKEGDTL 120

Qy 121 VNRTELGIDFKEDGNILGHKLEYNSHNYIMADKQNGIKVNFKIRHNIEDGSVOLA 180
 Db 121 VNRTELGIDFKEDGNILGHKLEYNSHNYIMADKQNGIKVNFKIRHNIEDGSVOLA 180

Qy 181 DHVOONTPIGQGVLLPDNHYLSTOSALSADPNKRDHMYLLGFVTAAGITLGNDELK 239
 Db 181 DHVOONTPIGQGVLLPDNHYLSTOSALSADPNKRDHMYLLGFVTAAGITLGNDELK 239

RESULT 10
 US-10-100-957A-2
 ; Sequence 2, Application US/10100957A
 ; Publication No. US20030096322A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Gail M. Kenneth A.
 ; APPLICANT: Kapur, Ravi
 ; TITLE OF INVENTION: A System for Cell Based Screening
 ; FILE REFERENCE: 97-022-LIA
 ; CURRENT APPLICATION NUMBER: US/10/100,957A
 ; CURRENT FILING DATE: 2002-03-19
 ; PUBLICATION DATE: 2003-03-19
 ; NUMBER OF SEQ ID NOS: 160
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 2
 ; LENGTH: 294
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:
 ; OTHER INFORMATION: GFP-DsRed-Annexin II construct
 ; US-10-100-957A-2

Query Match 99.1%; Score 1263; DB 9; Length 294;
 Best Local Similarity 99.2%; Pred. No. 7, Sc-114;
 Matches 237; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 MYSKGELFTGVPVILVELDGVNGHKFSVSGEGEDATYGLKTLKFICTTGKLPVPMPT 60
 Db 1 MYSKGELFTGVPVILVELDGVNGHKFSVSGEGEDATYGLKTLKFICTTGKLPVPMPT 60

Qy 61 LVTTLSYGVCFSRYPDHMKQDHFKAHPGCVQERTIFFKDDGNKTRAEVKEGDTL 120
 Db 61 LVTTLSYGVCFSRYPDHMKQDHFKAHPGCVQERTIFFKDDGNKTRAEVKEGDTL 120

Qy 121 VNRTELGIDFKEDGNILGHKLEYNSHNYIMADKQNGIKVNFKIRHNIEDGSVOLA 180
 Db 121 VNRTELGIDFKEDGNILGHKLEYNSHNYIMADKQNGIKVNFKIRHNIEDGSVOLA 180

Qy 181 DHVOONTPIGQGVLLPDNHYLSTOSALSADPNKRDHMYLLGFVTAAGITLGNDELK 239
 Db 181 DHVOONTPIGQGVLLPDNHYLSTOSALSADPNKRDHMYLLGFVTAAGITLGNDELK 239

RESULT 11
 US-10-033-717-35

; Sequence 35, Application US/10033717
 ; Publication No. US20030078406A1

; GENERAL INFORMATION:

; APPLICANT: BLAIR, DONALD

; APPLICANT: CLAUSEN, PETER

; APPLICANT: TOFOL, ILILIA

; APPLICANT: KENNETH A. KAPUR

; APPLICANT: CALOTHY, GEORGES

; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DRUG, A SECRETED PROTEIN

; FILE REFERENCE: 14014, 0358

; CURRENT APPLICATION NUMBER: US/10/033,717

; CURRENT FILING DATE: 2001-12-27

; PRIOR APPLICATION NUMBER: 09/444,066

; PRIOR FILING DATE: EARLIER FILING DATE: 1999-11-19

; PRIOR APPLICATION NUMBER: 09/277,407

; PRIOR FILING DATE: EARLIER FILING DATE: 1998-03-26

; PRIOR APPLICATION NUMBER: 60/079,440

; PRIOR FILING DATE: EARLIER FILING DATE: 1998-03-26

; SEQ NOS: 1-6

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 35

; LENGTH: 308

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: (No. US20030078406A1e -

; OTHER INFORMATION: synthetic construct

; US-10-033-717-35

Query Match 99.1%; Score 1263; DB 9; Length 308;

Best Local Similarity 99.2%; Pred. No. 7, Sc-114;

Matches 237; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 MYSKGELFTGVPVILVELDGVNGHKFSVSGEGEDATYGLKTLKFICTTGKLPVPMPT 60
 Db 1 MYSKGELFTGVPVILVELDGVNGHKFSVSGEGEDATYGLKTLKFICTTGKLPVPMPT 60

Qy 61 LVTTLSYGVCFSRYPDHMKQDHFKAHPGCVQERTIFFKDDGNKTRAEVKEGDTL 120
 Db 61 LVTTLSYGVCFSRYPDHMKQDHFKAHPGCVQERTIFFKDDGNKTRAEVKEGDTL 120

Qy 121 VNRTELGIDFKEDGNILGHKLEYNSHNYIMADKQNGIKVNFKIRHNIEDGSVOLA 180
 Db 121 VNRTELGIDFKEDGNILGHKLEYNSHNYIMADKQNGIKVNFKIRHNIEDGSVOLA 180

Qy 181 DHVOONTPIGQGVLLPDNHYLSTOSALSADPNKRDHMYLLGFVTAAGITLGNDELK 239
 Db 181 DHVOONTPIGQGVLLPDNHYLSTOSALSADPNKRDHMYLLGFVTAAGITLGNDELK 239

RESULT 12
 US-10-033-717-33

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Sequence 33, Application US/10033717
; Publication NO. US20030078406A1
; GENERAL INFORMATION:
; APPLICANT: BLAIR, DONALD
; APPLICANT: CLAUSEN, PETER
; APPLICANT: TOPOUL, LILIA
; APPLICANT: MAXM, MARIA
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DRUG A SECRETED PROTEIN
; TITLE OF INVENTION: WITH CELL GROWTH INHIBITING ACTIVITY
; FILE REFERENCE: 14014.0358
; CURRENT APPLICATION NUMBER: US/10/033,717
; CURRENT FILING DATE: 2001-12-27
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/277,407
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-26
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/079,440
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-03-26
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 33
; LENGTH: 359
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: /No. US20030078406A1e -
; OTHER INFORMATION: synthetic construct
US-10-033-717-33

Query Match          99.1%; Score 1263; DB 9; Length 359;
Best Local Similarity 99.2%; Pred. No. 9.5e-114;
Matches 237; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 MVSKEELFTGVVPLVELDGDVNGHKFSVSGEGDATYGLKTLKFICTTGLKLPVWPT 60
DB 1 MVSKEELFTGVVPLVELDGDVNGHKFSVSGEGDATYGLKTLKFICTTGLKLPVWPT 60

QY 61 LVTTLSYGVCFSRYPDHMKQDFFKSAMPEGYQERTIFFKDDGNTKTRAEVKFEGDTL 120
DB 61 LVTTLSYGVCFSRYPDHMKQDFFKSAMPEGYQERTIFFKDDGNTKTRAEVKFEGDTL 120

QY 121 VNRLEKIDFKEDGNILGHLEYNVNSHNHYIMADKQNGIKVNFKIRHNIEDGSVOLA 180
DB 121 VNRLEKIDFKEDGNILGHLEYNVNSHNHYIMADKQNGIKVNFKIRHNIEDGSVOLA 180

QY 181 DHYOONTPIGDGPVLLPDNHYLSTQSALSKDPNEKRHDHNVLLGFVTAAGITLGMDELYK 239
DB 181 DHYOONTPIGDGPVLLPDNHYLSTQSALSKDPNEKRHDHNVLLGFVTAAGITLGMDELYK 239

RESULT 13
US-10-033-717-34
; Sequence 34, Application US/10033717
; Publication NO. US20030078406A1
; GENERAL INFORMATION:
; APPLICANT: BLAIR, DONALD
; APPLICANT: CLAUSEN, PETER
; APPLICANT: TOPOUL, LILIA
; APPLICANT: MAXM, MARIA
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DRUG A SECRETED PROTEIN
; TITLE OF INVENTION: WITH CELL GROWTH INHIBITING ACTIVITY
; FILE REFERENCE: 14014.0358
; CURRENT APPLICATION NUMBER: US/10/033,717
; CURRENT FILING DATE: 2001-12-27
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/277,407
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-26
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/079,440
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-03-26
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 33
; LENGTH: 359
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: /No. US20030078406A1e -
; OTHER INFORMATION: synthetic construct
US-10-033-717-33

Query Match          99.1%; Score 1263; DB 9; Length 359;
Best Local Similarity 99.2%; Pred. No. 9.5e-114;
Matches 237; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 MVSKEELFTGVVPLVELDGDVNGHKFSVSGEGDATYGLKTLKFICTTGLKLPVWPT 60
DB 1 MVSKEELFTGVVPLVELDGDVNGHKFSVSGEGDATYGLKTLKFICTTGLKLPVWPT 60

QY 61 LVTTLSYGVCFSRYPDHMKQDFFKSAMPEGYQERTIFFKDDGNTKTRAEVKFEGDTL 120
DB 61 LVTTLSYGVCFSRYPDHMKQDFFKSAMPEGYQERTIFFKDDGNTKTRAEVKFEGDTL 120

QY 121 VNRLEKIDFKEDGNILGHLEYNVNSHNHYIMADKQNGIKVNFKIRHNIEDGSVOLA 180
DB 121 VNRLEKIDFKEDGNILGHLEYNVNSHNHYIMADKQNGIKVNFKIRHNIEDGSVOLA 180

QY 181 DHYOONTPIGDGPVLLPDNHYLSTQSALSKDPNEKRHDHNVLLGFVTAAGITLGMDELYK 239
DB 181 DHYOONTPIGDGPVLLPDNHYLSTQSALSKDPNEKRHDHNVLLGFVTAAGITLGMDELYK 239
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SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 34
; LENGTH: 359
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: /No. US20030078406A1e -
; OTHER INFORMATION: synthetic construct
US-10-033-717-34

Query Match          99.1%; Score 1263; DB 9; Length 359;
Best Local Similarity 99.2%; Pred. No. 9.5e-114;
Matches 237; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 MVSKEELFTGVVPLVELDGDVNGHKFSVSGEGDATYGLKTLKFICTTGLKLPVWPT 60
DB 1 MVSKEELFTGVVPLVELDGDVNGHKFSVSGEGDATYGLKTLKFICTTGLKLPVWPT 60

QY 61 LVTTLSYGVCFSRYPDHMKQDFFKSAMPEGYQERTIFFKDDGNTKTRAEVKFEGDTL 120
DB 61 LVTTLSYGVCFSRYPDHMKQDFFKSAMPEGYQERTIFFKDDGNTKTRAEVKFEGDTL 120

QY 121 VNRLEKIDFKEDGNILGHLEYNVNSHNHYIMADKQNGIKVNFKIRHNIEDGSVOLA 180
DB 121 VNRLEKIDFKEDGNILGHLEYNVNSHNHYIMADKQNGIKVNFKIRHNIEDGSVOLA 180

QY 181 DHYOONTPIGDGPVLLPDNHYLSTQSALSKDPNEKRHDHNVLLGFVTAAGITLGMDELYK 239
DB 181 DHYOONTPIGDGPVLLPDNHYLSTQSALSKDPNEKRHDHNVLLGFVTAAGITLGMDELYK 239

RESULT 14
US-10-072-036-128
; Sequence 129, Application US/10072036
; Publication NO. US20030082564A1
; GENERAL INFORMATION:
; APPLICANT: Ole THASTRUP
; APPLICANT: Sora BJORN
; APPLICANT: Kasper ALMOUT
; APPLICANT: Soren TULLIN
; TITLE OF INVENTION: A Method For Extracting Quantitative Information Relating To
; TITLE OF INVENTION: On A Cellular Response
; FILE REFERENCE: 3759-0120p
; CURRENT APPLICATION NUMBER: US/10/072,036
; CURRENT FILING DATE: 2002-09-13
; PRIOR APPLICATION NUMBER: 09/417,197
; PRIOR FILING DATE: 1999-10-07
; NUMBER OF SEQ ID NOS: 143
; SOFTWARE: Blastcln version 3.0
; SEQ ID NO 129
; LENGTH: 379
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: actin-binding-domain-Egfp fusion
US-10-072-036-129

Query Match          99.1%; Score 1263; DB 9; Length 379;
Best Local Similarity 99.2%; Pred. No. 1e-113;
Matches 237; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 MVSKEELFTGVVPLVELDGDVNGHKFSVSGEGDATYGLKTLKFICTTGLKLPVWPT 60
DB 1 MVSKEELFTGVVPLVELDGDVNGHKFSVSGEGDATYGLKTLKFICTTGLKLPVWPT 200

QY 61 LVTTLSYGVCFSRYPDHMKQDFFKSAMPEGYQERTIFFKDDGNTKTRAEVKFEGDTL 120
DB 61 LVTTLSYGVCFSRYPDHMKQDFFKSAMPEGYQERTIFFKDDGNTKTRAEVKFEGDTL 260

QY 121 VNRLEKIDFKEDGNILGHLEYNVNSHNHYIMADKQNGIKVNFKIRHNIEDGSVOLA 180
DB 121 VNRLEKIDFKEDGNILGHLEYNVNSHNHYIMADKQNGIKVNFKIRHNIEDGSVOLA 320
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Qy 181 DRYQONTPIGDPVLLPDNHYLSTQSALSKDPNEKRDHMLVFGVTAAGITLGMDELYK 239
 Db 321 DHYQONTPIGDPVLLPDNHYLSTQSALSKDPNEKRDHMLVFGVTAAGITLGMDELYK 379

RESULT 15

US-10-033-717-32
 ; Sequence 32. Application US/10033717
 ; Publication No. US20030078406A1
 ; GENERAL INFORMATION:
 ; APPLICANT: BLAIR, DONALD
 ; APPLICANT: COHEN, STEVEN
 ; APPLICANT: TORO, LILIA
 ; APPLICANT: MARX, MARIA
 ; APPLICANT: CALOYH, GEORGES
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DRG. A SECRETED PROTEIN
 ; TITLE OF INVENTION: WITH CELL GROWTH INHIBITING ACTIVITY
 ; FILE REFERENCE: 14014.0358
 ; CURRENT APPLICATION NUMBER: US/10/033,717
 ; FILING DATE: 2001-12-27
 ; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-26
 ; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-26
 ; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-26
 ; PRIOR FILING DATE: EARLIER FILING DATE: 1998-03-26
 ; NUMBER OF SEQ ID NOS: 38
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 32
 ; LENGTH: 321
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:/No. US20030078406A1e -
 ; OTHER INFORMATION: Synthetic construct
 US-10-033-717-32

Query Match 99.1%; Score 1263; DB 9; Length 391;
 Best Local Similarity 99.2%; Pred. No. 1:1e-113;
 Matches 237; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 Qy 1 MVSKEELFTGVVPILVELDGDVNGHKFSYSGEGDATYGKLTAKFTCTTGKLPVWPPT 60
 Db 1 MVSKEELFTGVVPILVELDGDVNGHKFSYSGEGDATYGKLTAKFTCTTGKLPVWPPT 60
 Qy 61 LVTTLSYGVQCSRYPDHMKQDHFPSKAMPEGYVQERTIFFKDDGNYKTRAEVKFEGDTL 120
 Db 61 LVTTLSYGVQCSRYPDHMKQDHFPSKAMPEGYVQERTIFFKDDGNYKTRAEVKFEGDTL 120
 Qy 121 VNRILKIDIFKEDGNILGHKLEYNVNSHNVIIMADKOKNGIKYKIRHNIEDGSVOLA 180
 Db 121 VNRILKIDIFKEDGNILGHKLEYNVNSHNVIIMADKOKNGIKYKIRHNIEDGSVOLA 180
 Qy 181 DRYQONTPIGDPVLLPDNHYLSTQSALSKDPNEKRDHMLVFGVTAAGITLGMDELYK 239
 Db 181 DRYQONTPIGDPVLLPDNHYLSTQSALSKDPNEKRDHMLVFGVTAAGITLGMDELYK 239

Search completed: June 3, 2003, 15:17:10
 Job time : 46 secs